

Datasheet for ABIN7275599

## SIGLEC5 Protein (AA 17-434) (His-Avi Tag,Biotin)



[Go to Product page](#)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	SIGLEC5
Protein Characteristics:	AA 17-434
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC5 protein is labelled with His-Avi Tag,Biotin.

#### Product Details

Purpose:	Biotinylated Human Siglec-5/CD170 Protein
Sequence:	Glu17-Thr434
Characteristics:	Recombinant Biotinylated Human Siglec-5/CD170 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Glu17-Thr434.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by SEC-HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### Target Details

Target:	SIGLEC5
Alternative Name:	Siglec-5 ( <a href="#">SIGLEC5 Products</a> )

## Target Details

---

Background:	Siglecs (sialic acid binding Ig-like lectins) are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Siglec 5 is putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha-2,3-linked and alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.
Molecular Weight:	49.3 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">O15389</a>

## Application Details

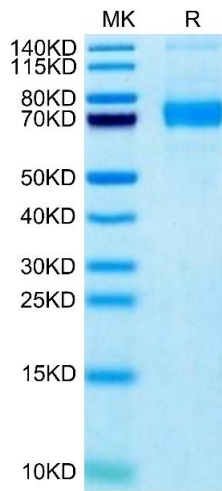
---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

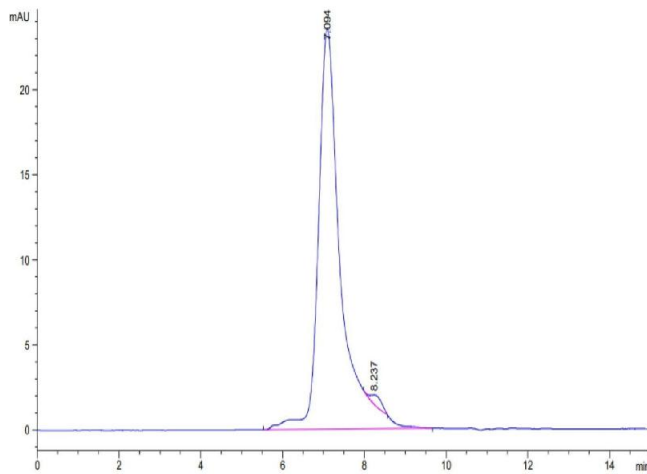
---

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS, 350 mM NaCl (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



### SDS-PAGE

**Image 1.** Biotinylated Human Siglec-5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Biotinylated Human Siglec-5 is greater than 95 % as determined by SEC-HPLC.